

FIGURE 1

Name	5'—Sequence—3'
DiGHEcoF	AGGCGAATTCTTCCCAACCATTCCCTAT
DiGHNotF	CTTCAAGAGGCGGCGGCCGCTTCCCAACCATTCCC TTAT
DiGHHinR	TTCCAAGCTTCATCAGAAGCCACAGCTGCCCTCCA
Lep2TrcFOR	CAAAGCTAGCGGTGGCATGCAAGT
Lep2TrcREV	AAGCTTGAATTCCTATTACGTCGACTCTAG
LepLinkFOR	CAGCTGCTGTGGCTTCGGCGGCCGCAGGTGGCGGA
LepLinkREV	AATGCCTCGAGGAATTCGGAACCTCCG
Lep2FOR	GGGAAACTCGAGGTGCCCATCCAAAAAGTCCAAG AT
Lep2REV	GGGAAAGTCGACTCTCTAGAGCACCCAGGGCTGA GGTCC

FIGURE 2

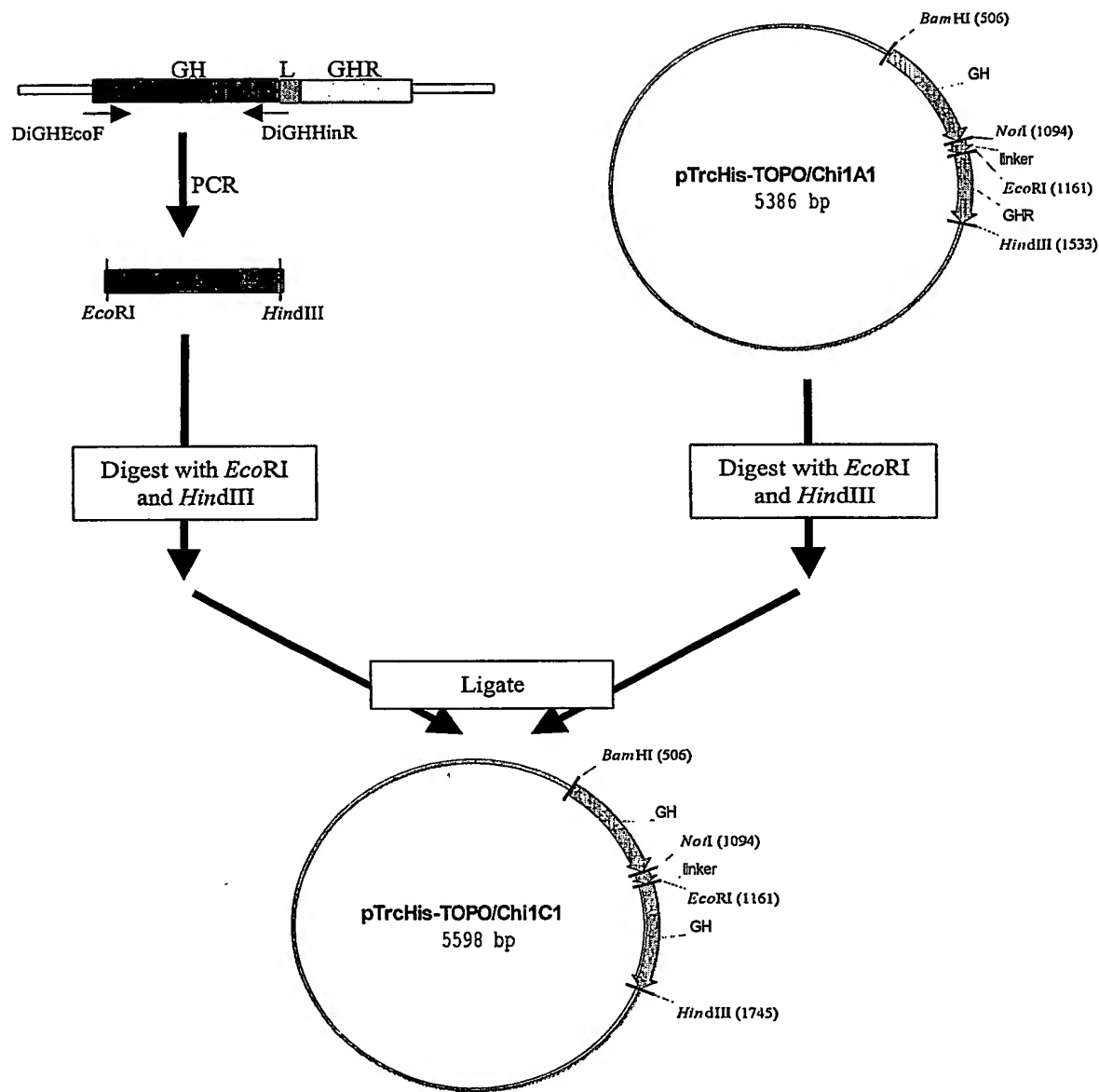


FIGURE 3

Growth hormone molecule 1

TTCCCAACCATTCCTTATCCAGGCTTTTTGACAACGCTAGTCTCCGCGC
CCATCGTCTGCACCAGCTGGCCTTTGACACCTACCAGGAGTTTGAAGAAG
CCTATATCCCAAAGGAACAGAAGTATTCATTCCTGCAGAACCCCCAGACC
TCCCTCTGTTTCTCAGAGTCTATTCCGACACCCTCCAACAGGGAGGAAAC
ACAACAGAAATCCAACCTAGAGCTGCTCCGCATCTCCCTGCTGCTCATCC
AGTCGTGGCTGGAGCCCGTGCAGTTCCTCAGGAGTGTCTTCGCCAACAGC
CTGGTGTACGGCGCCTCTGACAGCAACGTCTATGACCTCCTAAAGGACCT
AGAGGAAGGCATCCAAACGCTGATGGGGAGGCTGGAAGATGGCAGCCCCC
GGACTGGGCAGATCTTCAAGCAGACCTACAGCAAGTTCGACACAAACTCA
CACAACGATGACGCACTACTCAAGAACTACGGGCTGCTCTACTGCTTCAG
GAAGGACATGGACAAGGTCGAGACATTCCTGCGCATCGTGCAGTGCCGCT
CTGTGGAGGGCAGCTGTGGCTTC

Linker region

TTAGTGCCGCGCGGCAGTCCGGGCATTGGCGGCGGTGGCGGC

Growth hormone molecule 2

TTCCCAACCATTCCTTATCCAGGCTTTTTGACAACGCTAGTCTCCGCGC
CCATCGTCTGCACCAGCTGGCCTTTGACACCTACCAGGAGTTTGAAGAAG
CCTATATCCCAAAGGAACAGAAGTATTCATTCCTGCAGAACCCCCAGACC
TCCCTCTGTTTCTCAGAGTCTATTCCGACACCCTCCAACAGGGAGGAAAC
ACAACAGAAATCCAACCTAGAGCTGCTCCGCATCTCCCTGCTGCTCATCC
AGTCGTGGCTGGAGCCCGTGCAGTTCCTCAGGAGTGTCTTCGCCAACAGC
CTGGTGTACGGCGCCTCTGACAGCAACGTCTATGACCTCCTAAAGGACCT
AGAGGAAGGCATCCAAACGCTGATGGGGAGGCTGGAAGATGGCAGCCCCC
GGACTGGGCAGATCTTCAAGCAGACCTACAGCAAGTTCGACACAAACTCA
CACAACGATGACGCACTACTCAAGAACTACGGGCTGCTCTACTGCTTCAG
GAAGGACATGGACAAGGTCGAGACATTCCTGCGCATCGTGCAGTGCCGCT
CTGTGGAGGGCAGCTGTGGCTTC

FIGURE 4

Growth hormone molecule 1

FPTIPLSRLFDNASLRAHRLHQLAFDTYQEFEEAYIPKEQKYSFLQNPQT
SLCFSESIPSPNREETQQKSNLELLRISLLLIQSWLEPVQFLRSVFANS
LVYGASDSNVYDLLKDLEEGIQTLMGRLEDGSPRTGQIFKQTYSKFDTNS
HNDDALLKNYGLLYCFRKDMDKVETFLRIVQCRSVEGSCGF

Linker region

LVPRGS PGIGGGGG

Growth hormone molecule 1

FPTIPLSRLFDNASLRAHRLHQLAFDTYQEFEEAYIPKEQKYSFLQNPQT
SLCFSESIPSPNREETQQKSNLELLRISLLLIQSWLEPVQFLRSVFANS
LVYGASDSNVYDLLKDLEEGIQTLMGRLEDGSPRTGQIFKQTYSKFDTNS
HNDDALLKNYGLLYCFRKDMDKVETFLRIVQCRSVEGSCGF

FIGURE 5

Leptin molecule 1

GTGCCCATCCAAAAAGTCCAAGATGACACCAAAACCCTCATCAAGACAAT
TGTCACCAGGATCAATGACATTTACACACACGCAGTCAGTCTCCTCCAAAC
AGAAAGTCACCGGTTTGGACTTCATTCTGGGCTCCACCCCATCCTGACC
TTATCCAAGATGGACCAGACACTGGCAGTCTACCAACAGATCCTCACCAG
TATGCCTTCCAGAAACGTGATCCAAATATCCAACGACCTGGAGAACCTCC
GGGATCTTCTTCACGTGCTGGCCTTCTCTAAGAGCTGCCACTTGCCCTGG
GCCAGTGGCCTGGAGACCTTGGACAGCCTGGGGGGTGTCTGGAAGCTTC
AGGCTACTCCACAGAGGTGGTGGCCCTGAGCAGGCTGCAGGGGTCTCTGC
AGGACATGCTGTGGCAGCTGGACCTCAGCCCTGGGTGC

Linker region

TTAGTGCCGCGCGGCAGTCCGGGCATTGGCGGCGGTGGCGGC

Leptin molecule 2

GTGCCCATCCAAAAAGTCCAAGATGACACCAAAACCCTCATCAAGACAAT
TGTCACCAGGATCAATGACATTTACACACACGCAGTCAGTCTCCTCCAAAC
AGAAAGTCACCGGTTTGGACTTCATTCTGGGCTCCACCCCATCCTGACC
TTATCCAAGATGGACCAGACACTGGCAGTCTACCAACAGATCCTCACCAG
TATGCCTTCCAGAAACGTGATCCAAATATCCAACGACCTGGAGAACCTCC
GGGATCTTCTTCACGTGCTGGCCTTCTCTAAGAGCTGCCACTTGCCCTGG
GCCAGTGGCCTGGAGACCTTGGACAGCCTGGGGGGTGTCTGGAAGCTTC
AGGCTACTCCACAGAGGTGGTGGCCCTGAGCAGGCTGCAGGGGTCTCTGC
AGGACATGCTGTGGCAGCTGGACCTCAGCCCTGGGTGCTTAGTGCCG

FIGURE 6

Leptin molecule 1

VPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQKVTGLDFIPGLHPILT
LSKMDQTLAVYQQILTSMP SRNV IQISNDLENLRDLLHVLAFSKSCHL
PWASGLETLD SLGGVLEASGYSTE VVALSRLQGS LQDMLWQLDLSPGC

Linker region

LVPRGS PGIGGGGG

Leptin molecule 2

VPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQKVTGLDFIPGLHPILT
LSKMDQTLAVYQQILTSMP SRNV IQISNDLENLRDLLHVLAFSKSCHL
PWASGLETLD SLGGVLEASGYSTE VVALSRLQGS LQDMLWQLDLSPGC

FIGURE 7

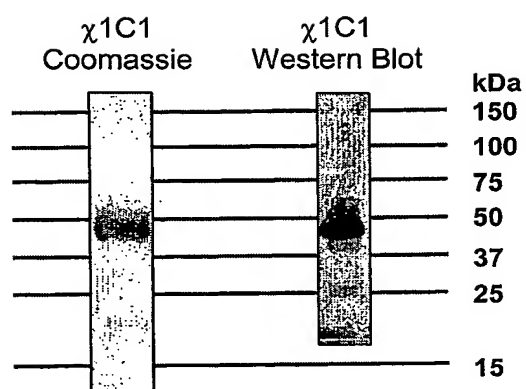


FIGURE 8

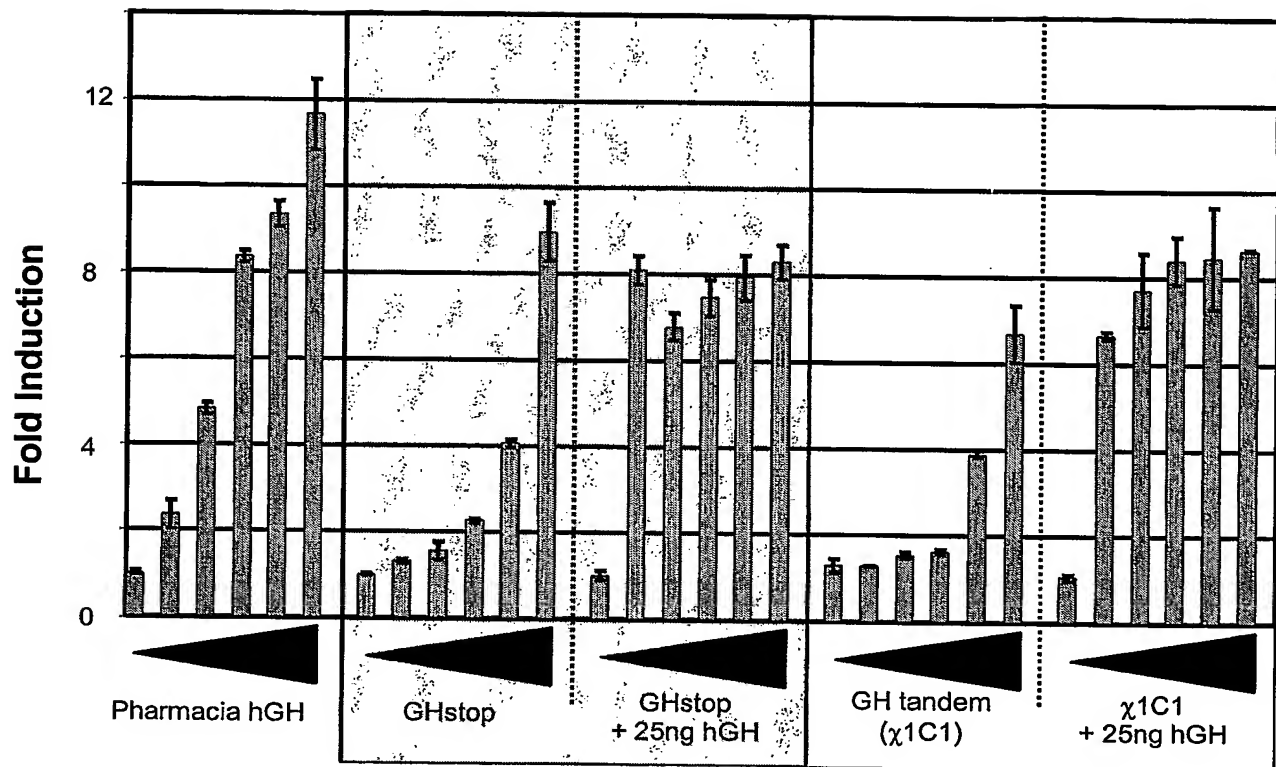


FIGURE 9

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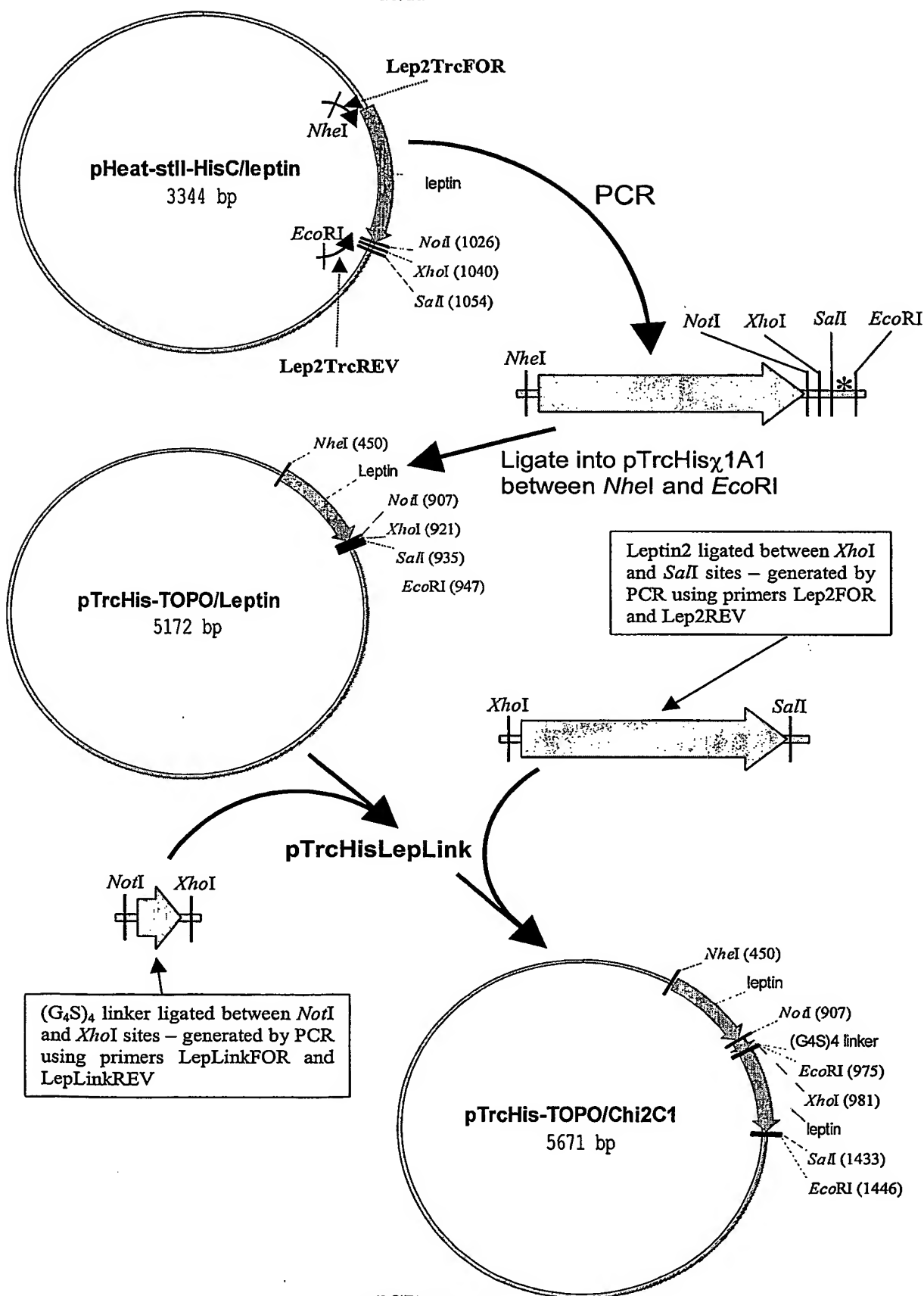


FIGURE 10

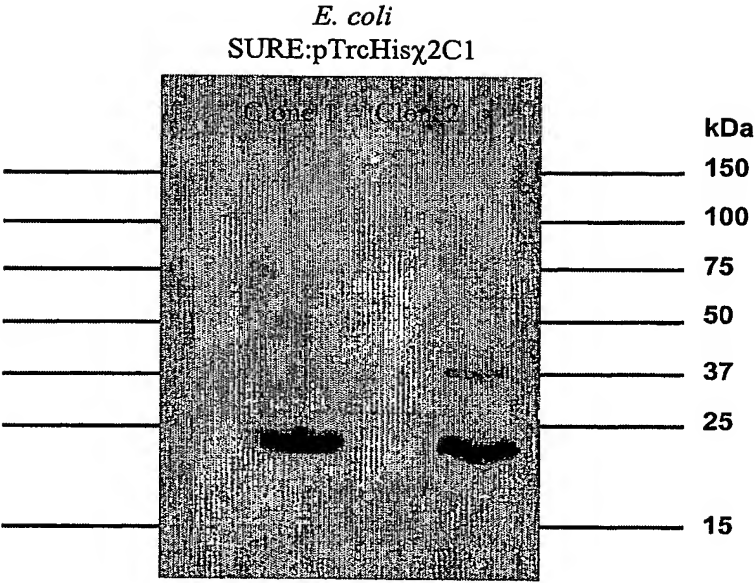


FIGURE 11

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